
Product Data Sheet

Product Name: KAAG1 Human
 Cat. No.: GP23730
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Kidney-associated antigen 1; RU2 antisense gene protein; KAAG1; RU2AS; MGC78738.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MDDDAAPRVE GVPVAVHKHA LHDGLRQVAG PGAAAAHLPR WPPPQLAASR REAPPLSQRH HRTQGAGSPP ETNEKLTNPQ VKEK.		
Formulation	The KAAG1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.		

Introduction

Kidney associated antigen 1 (KAAG1) is expressed in testis and kidney, and, at lower levels, in urinary bladder and liver. KAAG1 is expressed by numerous tumors of various histologic origin, including melanomas, sarcomas and colorectal carcinomas.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

KAAG1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 104 amino acids (1-84 a.a.) and having a molecular mass of 11.1kDa. The KAAG1 is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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